



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

DEC 18 2009

Ms. Lizbeth Rea
Regulatory Manager
Nufarm Americas Inc.
150 Harvester Drive, Ste 200
Burr Ridge, IL 60527

RE: Notification of Primary Brand Name to: Nufarm Double O™ SPC Herbicide
EPA Registration Number: ~~228-623~~ 632
Date of Submission: November 6, 2009

Dear Ms. Rea:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated, November 6, 2009, for the above mentioned product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the actions requested fall within the scope of PRN 98-10. The label submitted with the application has been stamped "Notification" and will be placed in our records.

If you have any questions, please me directly at 703-305-6249 or Joyce Edwards of my staff at 703-308-5479.

Sincerely,

Linda Arrington
Notifications & Minor Formulations Team Leader
Registration Division (7505P)
Office of Pesticide Programs

Nufarm Double O™ SPC Herbicide

Ornamental Herbicide

For Sale To, Use and Storage By Commercial Nursery, Cut Flower, Foliage And Landscape Personnel Only

This product provides broad-spectrum preemergence control of weeds (including difficult weed species, such as spurge, chickweed, groundsel, and oxalis) in container, field grown and landscape ornamentals, cut flowers and ornamental foliage.

ACTIVE INGREDIENTS:

Oxyfluorfen*	2.0%
Oryzalin**	1.0%
OTHER INGREDIENTS:	<u>97.0%</u>
TOTAL:	100.0%

*CAS No. 42874-03-3

**CAS No. 19044-88-3

NOTIFICATION

DEC 6 2008

Keep out of Reach of Children
CAUTION/PRECAUCION

See inside label booklet for additional FIRST AID and PRECAUTIONARY STATEMENTS.

EPA Reg. No. 228-632

EPA Est. No. 5905-IA-001

Manufactured for:

Nufarm Americas Inc.
150 Harvester Drive
Burr Ridge, IL 60527

Nufarm Double O SPC Herbicide contains oxyfluorfen and oryzalin, the active ingredients used in Rout®.

Net Weight:

000228-000632.20091106.PBNChange.Notification

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

CAUTION/PRECAUCION

Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

FIRST AID	
If in eyes:	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15-20 minutes.• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.• Call a poison control center or doctor for treatment advice.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-424-9300 for emergency medical treatment information.	

ENVIRONMENTAL HAZARDS

This product is toxic to aquatic invertebrates and wildlife. Do not apply directly to water, or areas where surface water is present or to intertidal areas below the mean high water mark. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. See Directions for Use for additional restrictions. Do not contaminate water when cleaning equipment or disposing of equipment wash waters or rinsate.

PERSONAL PROTECTIVE EQUIPMENT

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category A on an EPA chemical resistance category selection chart.

Mixers, loaders, applicators and other handlers must wear:

- Coveralls over long-sleeved shirt and long pants
- Chemical-resistant footwear plus socks
- Chemical-resistant gloves
- Chemical-resistant apron for mixers and loaders

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this products concentrate. Do not reuse them.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d)-(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

GENERAL INFORMATION

This product is a pre-emergent herbicide that combines two herbicides into a clay granule to provide a broader spectrum of weed control and ornamental plant tolerance. This product does not control

established weeds and is not registered for use on vegetable or edible fruit bearing crops, turf, bedding plants or flowering crops except as described in the Landscape Ornamentals and Cut Flower and Ornamental Foliage sections.

This product provides pre-emergent control of the following weeds:

Grassy Weeds

Annual bluegrass (<i>Poa annua</i>)	Foxtail, Green (<i>Setaria Viridis</i>)
Barnyardgrass (<i>Echinochloa crusgalii</i>)	Foxtail, Yellow (<i>Setaria lutescens</i>)
Crabgrass (<i>Digitaria Sanguinalis</i>)	Goosegrass (<i>Eleusine indica</i>)
Fall Panicum (<i>Panicum dichotomiflorum</i>)	Kikuyu Grass (<i>Pennisetum clandestinum</i>)

Broadleaf Weeds

Ageratum (<i>Ageratum conyzoides</i>)	Moss (<i>Isopetyquim albesceus</i>)
Artillery weed (<i>Pilea micropylla</i>)	Oxalis (<i>Oxalis stricta</i>)
Bittercress (<i>Cardamine pensylvanica</i>)	Pearlwort (<i>Sagina procumbens</i>)
Buttonweed (<i>Borreria laevis</i>)	Pigweed (<i>Amaranthus retroflexus</i>)
Castor bean (<i>Rincinus communis</i>)	Primrose (<i>Oenothera Cutleaf evening laciniata</i>)
Chickweed, Common (<i>Stellaria media</i>)	Purslane (<i>Portulaca oleracea</i>)
Clover, White (<i>Trifolium repens</i>)	Sheperdspurse (<i>Capsella bursa-pastoris</i>)
Dandelion (<i>Taraxacum officinale</i>)	Sowthistle (<i>Sonchus arvensis</i>)
Fireweed (<i>Epilobium angustifolium, Erechites hieraciifolia</i>)	Sowthistle, common (<i>Sonchus oleraceus</i>)
Groundsel (<i>Senecio vulgaris</i>)	Spurge, garden (<i>Euphorbia hirta</i>)
Lambsquarter (<i>Chenopodium album</i>)	Spurge, Hairy (<i>Euphorbia vermiculata</i>)
Marestail (<i>Conyza canadensis</i>)	Spurge, Prostrate (<i>Euphorbia supina</i>)
Medic (<i>Medicago trunculata</i>)	Spurge, Spotted (<i>Euphorbia maculata</i>)

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 24 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water, is:

- Coveralls
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks

USE GUIDELINES AND PRECAUTIONS

- For best results ensure an even distribution of particles at the proper application rate.
- Do not apply this product to wet or dew covered foliage. However, should this happen, irrigate immediately to completely remove herbicide particles from leaf surfaces.

- Do NOT apply this product in enclosed greenhouse or shadehouse type structures. Make applications at least two (2) weeks prior to enclosure in greenhouses or shadehouses.
- Do NOT apply this product in greenhouse liner production beds; apply only to container, field grown and landscape ornamentals, cut flower and foliage crops listed.
- Do NOT apply this product within two (2) weeks of shipping.
- Do NOT apply product directly to the bare roots of woody ornamentals or injury will result.
- In order to avoid foliage injury do NOT apply to whorl-leaved plants such as *Dracaena* spp., as their leaves channel the herbicide granules to the leaf base and makes removal of granules difficult (Note exception under 'Dracaena Field Stock').
- Newly forming leaves are particularly sensitive to this product and spotting or leaf drop will result. Do NOT apply the product two (2) weeks prior to or two (2) weeks following leaf bud break, or during periods of vigorous new growth.
- Within two (2) months following application, do NOT apply other herbicides to areas treated with this product. Compatibility of this product with other ornamental herbicides has not been verified.
- Do NOT disturb the soil surface following an application as the herbicide barrier will be broken resulting in less than optimum weed control.
- Do NOT incorporate this product into potting media or soil as dilution of the active ingredient and possible injury to plant roots will result.
- Do NOT apply in windy conditions that might cause uneven distribution of the granules or move the product onto sensitive species.
- Do NOT allow livestock to graze or feed on vegetation from treated fields or orchards.
- Do NOT apply by aerial application except where noted for agricultural uses in California.
- Do NOT apply by chemigation.

Application Restrictions - Container-grown ornamental: granular application rate of 2 lbs. a.i./A/application (6 lbs. a.i./season).

GENERAL APPLICATION INSTRUCTIONS

When applying this product, users should exercise reasonable judgment and caution. Because it is impossible to test this product with all possible combinations of plants and growing conditions, make an initial test application to a subset of the plants to assure desired performance under your specific growing conditions. Users who wish to use this ornamental herbicide on ornamental species or nonbearing fruit trees not listed on the label determines suitability for such uses by making trial application of this product at a specified rate to a small number of plants. Prior to using this product on a large number of plants, the test treatment should be observed for 3 to 6 months for signs of herbicidal injury to determine if the treatment is safe for use on the target plant species.

Apply this product at the rate specified in the appropriate section of this label with a properly calibrated spreader in order to assure accurate, even particle distribution. Once this product has been applied, do not disturb the soil surface or the herbicide barrier will be broken. For best results, immediately following application of this product, water in with approximately ½ inch of water in order to activate the herbicide and wash particles off the foliage.

	APPLICATION RATE PER				
	Square Foot	100 Square feet	Acre	Square Meter	100 Square Meters
Amount of Product	1g	100 g	100 lbs.	10.8 g	1.1 kg

1 ounce = 28 grams (g)

PLANT TOLERANCE TO THIS PRODUCT

The following species are tolerant of this product when used at the specified application rates:

<i>Abelia</i> x <i>grandiflora</i> (Glossy Abelia)	<i>Dracaena</i> <i>Massangeana</i> (Complant) <i>Deremensis</i> 'Wameckii' (Striped Dracaena)
<i>Achillea</i> <i>Millefolium</i> 'Cerise Queen' (Yarrow)	<i>Elaeagnus</i> <i>Pungens</i> 'Fruitlandii' (Fruitland Silverberry)
<i>Acer</i> <i>Palmatum</i> 'Atropurpureum' (Red Japanese Maple)	<i>Eriobotrya</i> <i>Japonica</i> (Loquat)
<i>Alyogyne</i> <i>Huegelii</i> (Blue Hibiscus)	<i>Escallonia</i> x <i>exoniensis</i> 'Fradesii' (Frades Escallonia)
<i>Andromeda</i> <i>Polifolia</i> (Bog Rosemary)	<i>Euonymus</i> <i>Alata</i> 'Compacta' (Dwarf Burning Bush) <i>Fortunei</i> 'Emerald'n Gold' (Emerald Gold E.) <i>Fortunei</i> 'Gold Edge' (Gold Edge E.) <i>Fortunei</i> 'Vegeta' (Euonymus Vegetus) <i>Klautschovica</i> 'Manhattan' (Manhattan E.)
<i>Anthurium</i> <i>Andraeanum</i> (Ozaki Red Anthurium)	<i>Euphorbia</i> <i>Milii</i> (Crown of Thorns)
<i>Arctostaphylos</i> <i>Uva-ursi</i> (Bearberry/Kinnikinnick)	<i>Ficus</i> <i>Benamina</i> "Lady Diane" (Weeping Fig) <i>Lyrata</i> (Fiddleleaf Fig) <i>Microcarpa nitida</i> (Little Leaf Ficus)
<i>Banksia</i> <i>Menziesii</i> 'Raspberry Frost' (Raspberry Frost Banksia)	<i>Forsythia</i> x <i>intermedia</i> 'Lynnwood' (Lynnwood Gold F.)
<i>Berberis</i> <i>Thunbergii</i> 'Crimson Pygmy' (Crimson Pygmy Barberry)	<i>Fothergillis</i> <i>Gargenii</i> 'Mt Airy'
<i>Bougainvillea</i> spp. 'Barbara Karst' (Barbara Karst Bougainvillea)	<i>Fragaria</i> x 'Pink Panda' (Sand Strawberry)
<i>Buxus</i> <i>Microphylla</i> 'Green Velvet' (Boxwood) <i>Microphylla japonica</i> (Japanese Boxwood) <i>Sempervirens</i> 'Welleri' (English Boxwood)	<i>Gardenia</i> <i>Jasminoides</i> 'August Beauty Gardenia'
<i>Camellia</i> <i>Japonica</i> 'Lady Laura'	<i>Gelsemium</i> <i>Sempervirens</i> (Carolina Jessamine)
<i>Carissa</i> <i>Grandiflora</i> 'Fancy' (Natal Plum)	<i>Gypsophila</i> spp. (Baby's Breath)
<i>Catharanthus</i> <i>Roseus</i> 'Vinca Blue Pearl'	<i>Hemerocallis</i> spp. (Daylily)
<i>Chamaecyparis</i> <i>Obtusa</i> 'Letinea Aurea' (Gold Hinoki False C.) pisifera ' <i>Filifera Aurea Nana</i> ' (Dwarf Golden Thread-Branch C.) <i>Pisifera</i> 'Fillfera Aurea' (Cypress)	<i>Hibiscus</i> <i>Rosa-sinensis</i> 'Brilliant' (Brilliant Hibiscus) <i>Rosa-sinensis</i> 'Crown of Bohemia' (Crown of Bohemia H.)
<i>Cercis</i> <i>Canadensis</i> (Redbud)	<i>Hypericum</i> spp. (St. Johnswort)
<i>Codiaeum</i> <i>Norma</i> 'Low Life' (Low Life Croton)	<i>Iberis</i> <i>Sempervirens</i> (Evergreen Candy Tuft)
<i>Coreopsis</i> <i>Verticillata</i> 'Moonbeam'	<i>Ilex</i> <i>AQUIPERNYI</i> 'San Jose' (San Jose Holly) <i>Cornuta</i> 'Burfordii Nana' (Dwarf Burford Holly) <i>Cornuta</i> 'Needlepoint' (Needle Point Holly) <i>Cornuta</i> 'Rotunda' (Dwarf Chinese Holly) <i>Crenata</i> 'Convexa' (Convex Japanese Holly) <i>Crenata</i> 'Hetzii' (Japanese Holly) <i>Opaca</i> (American Holly) <i>Vomitorea</i> 'Schillings' (Shillings Holly) spp. 'Blue Girl' (Dwarf Holly)
<i>Cornus</i> <i>Baileyi</i> (Bailey Dogwood) <i>Florida</i> (Flowering Dogwood)	<i>Jasminum</i> <i>Nitidum</i> (Angelwing Jasmine) spp. (Confederate Jasmine)
<i>Cotoneaster</i> <i>Dammeri</i> 'Coral Beauty' (Coral Beauty Cotoneaster) <i>Salicifolius</i> 'Repens' (Willowleaf Cotoneaster)	
<i>Cupressus</i> <i>Sempervirens</i> 'Glauca' (Italian Cypress)	
<i>Deutzia</i> x 'Magician'	
<i>Dianthus</i> spp. 'Baths Pink'	
<i>Diosma</i> <i>Ericoides</i> (Breath of Heaven)	

Juniperus
Chinensis 'Gold Coast' (Gold Coast Juniper)
Chinensis 'Mint Julip' (Mint Julip Juniper)
Chinensis 'Pfitzerana Glauca' (Blue Pfitzer Juniper)
Chinensis 'Pfitzerana Old Gold' (Old Gold Juniper)
Chinensis 'Sargentii Viridis' (Green Sargent Juniper)
Chinensis 'Sea Green' (Sea Green Juniper)
Conferta 'Blue Pacific' (Blue Pacific Juniper)
Conferta (Shore Juniper)
Horizontalis 'Bar Harbor' (Bar Harbor Juniper)
Horizontalis 'Douglasii' (Waukegan Juniper)
Horizontalis 'Plumosa' (Andorra Juniper)
Sabina 'Broadmoor' (Broadmoor Juniper)
Sabina 'Tamariscifolia' (Tam Juniper)
Sqarmata 'Blue star' (Blue Star Juniper)

Lantana
Montevidensis (Weeping Lantana)
Montevidensis 'Radiation' (Radiation Lantana)

Leucodendron
x '*Safari Sunset*' (South African Rose)

Leucospermum
Cordifolium (Pincushion Protea)

Ligustrum
Japonicum 'Texanum' (Waxleaf Privet, Texas Privet)
Lucidum (Glossy Privet)
Sinense 'Variegata' (Dwarf Variegated Chinese Privet)
spp. '*Jack Frost*' (Jack Frost Ligustrum)
x '*Vaicaryi*' (Vicary Golden Privet)

Lonicera
x *xylostoides 'Clavey's Dwarf'* (Clavey's Dwarf Honeysuckle)

Loropetalum
Chinensis 'Burgundy'

Mahonia
Aquifolium (Oregon Grape Holly)
Chinensis 'Pfitzerana Glauca' (Blue Pfitzer Juniper)
Repens (Creeping Mahonia)

Monarda
Didyma 'Claire Grace'

Microbiota
Decussata (Russian Cypress)

Nandina
spp. '*Compacta*'
Domestica 'Nana' (Dwarf Nandina)

Nerium
Oleander (Oleander)

Osmanthus
Frangrans (Sweet Osmanthus)
Heterophyllus 'Variegatus' (Variegated Osmanthus)

Photinia
x *fraseri* (Fraser, Photinia, Red Tip)

Picea
Abies 'Ohlendorflii' (Norway Spruce)
Glauca 'Conica' (Dwarf Alberta Spruce)
Pungens 'Glauca' (Colorado Blue Spruce)

Pieris
Japonica 'Mountain Fire' (Mountain Fire Andromeda)

Pinus
Elliotii (Slash Pine)
Mugo Mugo (Mugho Pine)
Radiata (Monterey Pine)
Strobus (Eastern White Pine)
Sylvestris (Scotch Pine)
Thunbergiana (Japanese Black Pine)

Pittosporum
Crassifolium (Evergreen Pittosporum)
Tenuifolium (Kohuhu Pittosporum)
Tobira (Green Pittosporum)
Tobira 'Wheeler's Dwarf'

Podocarpus
Gracilior (Weeping Podocarpus)
Occidentalis 'Pyramidalis' (Pyramidal Arborvitae)

Potentilla
Fruticosa 'Gold Drop' (Gold Drop Potentilla)

Protea
Nerifolia 'Pink Mink' (Pink Mink Protea)

Prunus
x *cistena* (Red-Leaf Plum)

Pyracantha
Fortuneana 'Graber' (Graber Pyracantha)
'*Mohave*' (Mohave Pyracantha)
'*Navajo*' (Navajo Pyracantha)

Quercus
Shumardii (Shumard Red Oak)

Raphiolepis
Indica 'Ballerina' (India Hawthorn)
Indica 'Pinkie' (India Hawthorn)
Indica 'Pink Cloud' (Pink Cloud Raphiolepis)

Rhododendron
spp. '*Dora Amateis*' (Dora Amateis R.)
spp. '*Coral Bell*' (Azalea)
spp. '*Copperman*' (Azalea)
spp. x *exbury* (Azalea)
spp. '*Pink Ruffles*' (Azalea)
spp. '*Snow*' (Azalea)

Salvia
Farinacea (Dwarf Blue Salvia)
Splendens 'Lavender Vista'

Scabiosa
Columbaria 'Butterfly Blue'
Columbaria 'Pink Mist'

Schefflera
Arboricola (Dwarf schefflera)

Spirea
x *bumalda 'Anthony Waterer'* (Anthony Waterer S.)

Syringa
Meyeri 'Pallbin' (Lilac)

Taxus
Media 'Hicksii'
Media 'Runyoni'

Ternstroemia
Gymnanthera

Thuja
Occidentalis 'Nigra' (Dark Green Arborvitae)
Occidentalis 'Ellwangeriana Aurea' (Golden Arborvitae)
Occidentalis 'Hetz's Midget' (Hetz Midget Arborvitae)
Occidentalis 'Pyramidalis' (Pyramidal Arborvitae)
Occidentalis 'Smaragd' (Emerald Arborvitae)
Orientalis 'Aurea Nana' (Dwarf Golden Arborvitae)
Orientalis 'Blue Cone' (Blue Cone Arborvitae)

Trachelospermum
Asiaticum 'Solo' (Asiatic Jasmine)
Asiaticum 'White Mist' (Variegated Asiatic Jasmine)
Jasminoides (Confederate or Star Jasmine)

Tsuga
Canadensis (Canadian Hemlock)

Vaccinium
Ashei 'Homebell' (Homebell Blueberry)

Verbena
 Peruviana (Sand Verbena)
Virburnum
 Carlesil (Korean Spice Viburnum)
 Davidii (David Viburnum)
 Macrocephalum (Chinese Snowball)
 Plicatum 'Tomentosum' (Double Fire Viburnum)

Vitis
 x SV5279 '*Aurora*' (White Wine Grape)
Weigela
 Florida '*Java Red*' (Java Red Weigela)
 spp. '*Boskoop Glory*' (Boskoop Glory W.)
Xylosma
 Congestum

Use this product on the following species:

Achillea
 spp. '*Coronation Gold*' (Yarrow)
Ageratum
 spp. '*Hawaii Blue*'
Calluna
 spp. '*Forsey*' (Heather)
Campanula
 Persicifolia 'Blue'
Celosia
 spp. '*Castle Yellow*'
Chrysanthemum
 spp. '*Legends*'
Clematis
 x '*Dutchess of Edinburgh*'
Dianthus
 Caryophyllus
 Deltoides 'Artic fire'
Digitalis
 spp. '*Excelsior*'
Echinacea
 spp. '*Magnus*'
 Pallida
 Purpurea 'Leuchstem'
Euonymus
 Japonica 'Silver King' (Silver King Euonymus)
Euryops
 Pectinatus (Greyleaf Daisy)
Ficus
 Pumila (Creeping Fig)
Geranium
 spp. '*Pinto Red*'
Hemerocallis
 spp. '*Happy Returns*' (Daylilly)
Hydrangea
 Arborescens 'Annabelle'
 Paniculata "Grandiflora" (Peegee Hydrangea)
Lantana
 spp. '*Patriot Desert Sunset*'
Leucanthemum
 Maximum 'White Knight' (Shasta Daisy)
Lilium
 Orientalis 'Mr. Ruud'
Llex
 Crenata 'Helleri' (Helleri Japanese Holly)
Lupinus
 spp. '*RH My Castle*' (Lupine)
Magnolia
 Stellata 'Pinkie'

Papavor
Orientalis 'Pizzicato Mix' (Poppy)

Penstemon
 spp. 'Thorn'

Petunia spp.

Prunus
Glandulosa (Dwarf Flowering Almond)

Rhododendron
 spp. 'English Roseum'

Rudbeckia
 spp. 'Goldstrum' (Coneflower)

Salvia
 spp. 'May Knight'

Scabiosa
 spp. 'Pink Carnival'

Sedum
Spectabile 'Autumn Joy'
Brevifolium (Stonecrop)

Tagetes
Erecta (Marigold)

Trachelospermum
Asiaticum 'Ob lanceolatum' (Hardy Star Jasmine)

Vinca
Minor (Dwarf Periwinkle)

Zinnia spp.

CONTAINER GROWN ORNAMENTALS

Apply this product prior to weed seed germination or following complete weed removal in the spring or fall. Make repeat applications throughout the growing season at a *maximum* of three (3) month intervals (under most conditions three months is the maximum timeframe for residual effect for this product). Make Fall applications two (2) weeks prior to placing plants in enclosed greenhouse structures.

Potted Liners - Prior to transplanting into containers, remove all established weeds from the liners. To settle the potting media around the root systems, after planting and prior to chemical application irrigate with approximately ½ inch of water and then allow foliage to dry. Broadcast this product evenly over the container growing area and irrigate immediately after application with approximately ½ inch of water.

Bare-Root Liners - Remove all established weeds prior to application of this product. Within three (3) weeks after potting, broadcast apply this product over the container growing area evenly and immediately after application irrigate with approximately ½ inch of water.

Recycled Water Precaution: When runoff water is recycled, care must be taken to locate pump intake line opening(s) close to the collection pond surface to avoid disturbing and recirculating clay fractions/organic matter accumulation near the pond bottom. This debris/settlement contains amounts of previously applied pesticides tied-up on these clay/organic matter fractions and leads to plant injury.

FIELD GROWN ORNAMENTALS AND LABELED CHRISTMAS TREES

Apply this product either immediately after planting, in the spring prior to weed germination, or following complete weed removal using a rate of 50 lbs. per acre (one bag / acre) for a maximum of two (2) applications during the growing season or 100 lbs. per acre for a single application in a growing season. Do not reapply at less than two (2) month intervals for Christmas trees and at less than three (3) month intervals for field grown ornamentals.

NOTE: If irrigation is not available, do not use this product on bare root stock.

Potted Liners - Prior to transplanting into the field, remove all established weeds from liners. To settle the soil around the root systems, after planting and prior to application irrigate with approximately ½ inch of water and then allow foliage to dry. Broadcast this

product evenly over the field growing area and irrigate immediately after application with approximately ½ inch of water and leave the soil undisturbed.

Bare-Root Liners - Remove all established weeds and then irrigate with approximately ½ inch of water after planting to settle the soil around the root systems. Broadcast this product evenly over the field growing areas one (1) week after planting. Immediately after application, irrigate with approximately ½ inch of water and leave the soil undisturbed. Prior to re-application of this product, loosen the soil by light cultivation.

LANDSCAPE ORNAMENTALS

IMPORTANT: Apply this product only to those species listed on the label. This product is NOT registered for use on vegetables or edible fruit bearing crops, turf, bedding plants, or flowering crops except Protea and Salvia species.

Apply this product either immediately after planting, in the spring prior to weed germination, or following complete weed removal using a rate of 100 lbs. per acre. Immediately after application irrigate with approximately ½ inch of water and leave the soil undisturbed.

Do not reapply at less than two (2) month intervals and do not make more than two (2) applications per growing season.

CUT FLOWER AND FOLIAGE CROPS

Apply this product prior to weed germination or following complete weed removal. To settle the soil around the root systems, after planting and prior to application irrigate with approximately ½ inch of water and then allow foliage to dry. Broadcast this product evenly over the production area and irrigate immediately after application to activate the herbicide.

Wait three (3) weeks before applying to bare root plantings and do not reapply at less than three (3) month intervals.

NOTE: Be sure to follow all use precautions listed in this label unless specifically exempted in the specific crop instructions below.

FIELD GROWN PROTEA

Cover any shallow feeder roots exposed by cultivation or erosion prior to application. Apply this product to field plantings of 1-2 year Protea nursery stock at a rate of 100 lbs. per acre. For soils with low organic matter levels (0.5-2%), apply this product at a rate of 50 lbs. per acre. Repeat application throughout the production cycle at three (3) month intervals.

SARAN HOUSE GROWN ANTHURIUMS

Make certain that all plant tissue (leaves / stems) are completely dry prior to application. Using a granular spreader that allows for direct placement of this product to the base of plants and avoiding contact with leaf petiole attachments and flowering parts, apply this product at a rate of 100 lbs per acre being sure to treat no more than ¼ (25%) of any saran production unit in a single day. Repeat application at no less than three (3) month intervals.

NOTE: To avoid personal injury due to inhalation of this product vapors, be sure to provide optimum ventilation to all treated areas.

DRACAENA FIELD STOCK

When establishing new field stock plantings, bind the foliage of unrooted cuttings with rubber bands or string to prevent product granules from lodging in the leaf whorls (see USE GUIDELINES AND PRECAUTIONS). Using a granular spreader that allows for direct placement of product to the base of plants, apply this product at a rate of 100 lbs. per acre. Repeat application at no less than three (3) month intervals. Apply this product after cuttings have been taken from field stock. Prior to re-application

the remaining side shoots (with expanded leaves) must be removed to prevent the granules of this product from lodging in the leaf whorls.

STORAGE AND DISPOSAL

Do not contaminate water, fertilizer, other pesticides, food or feed by storage and disposal.

PESTICIDE STORAGE: Store in a dry place. Protect from water and extreme heat.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

WARRANTY DISCLAIMER

The directions for use of this product must be followed carefully. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, (1) THE GOODS DELIVERED TO YOU ARE FURNISHED "AS IS" BY MANUFACTURER OR SELLER AND (2) MANUFACTURER AND SELLER MAKE NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND TO BUYER OR USER, EITHER EXPRESS OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE, OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE. UNINTENDED CONSEQUENCES, INCLUDING BUT NOT LIMITED TO INEFFECTIVENESS, MAY RESULT BECAUSE OF SUCH FACTORS AS THE PRESENCE OR ABSENCE OF OTHER MATERIALS USED IN COMBINATION WITH THE GOODS, OR THE MANNER OF USE OR APPLICATION, INCLUDING WEATHER, ALL OF WHICH ARE BEYOND THE CONTROL OF MANUFACTURER OR SELLER AND ASSUMED BY BUYER OR USER. THIS WRITING CONTAINS ALL OF THE REPRESENTATIONS AND AGREEMENTS BETWEEN BUYER, MANUFACTURER AND SELLER, AND NO PERSON OR AGENT OF MANUFACTURER OR SELLER HAS ANY AUTHORITY TO MAKE ANY REPRESENTATION OR WARRANTY OR AGREEMENT RELATING IN ANY WAY TO THESE GOODS.

LIMITATION OF LIABILITY

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, IN NO EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, OR FOR DAMAGES IN THEIR NATURE OF PENALTIES RELATING TO THE GOODS SOLD, INCLUDING USE, APPLICATION, HANDLING, AND DISPOSAL. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, MANUFACTURER OR SELLER SHALL NOT BE LIABLE TO BUYER OR USER BY WAY OF INDEMNIFICATION TO BUYER OR TO CUSTOMERS OF BUYER, IF ANY, OR FOR ANY DAMAGES OR SUMS OF MONEY, CLAIMS OR DEMANDS WHATSOEVER, RESULTING FROM OR BY REASON OF, OR ARISING OUT OF THE MISUSE, OR FAILURE TO FOLLOW LABEL WARNINGS OR INSTRUCTIONS FOR USE, OF THE GOODS SOLD BY MANUFACTURER OR SELLER TO BUYER. ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER, USER, OR ITS CUSTOMERS. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S OR USER'S EXCLUSIVE REMEDY, AND MANUFACTURER'S OR SELLER'S TOTAL LIABILITY SHALL BE FOR DAMAGES NOT EXCEEDING THE COST OF THE PRODUCT.

If you do not agree with or do not accept any of directions for use, the warranty disclaimers, or limitations on liability, do not use the product, and return it unopened to the Seller, and the purchase price will be refunded.

(RV110609N)

Nufarm Double O SPC Herbicide is not manufactured or distributed by The Scotts Company, seller of Rout®.
Rout® is a registered trademark of The Scotts Company.